

January 2017

Volume 5 – Issue 5

Mid-Year Survey Now Available

The mid-year survey for the Kentucky Department of Education is now posted and is open for all MITs to complete. The survey needs to be completed by **Monday, January 30th**. The survey contains only 15 questions and should take about 5-10 minutes to complete. The survey must be completed online at the following link: <https://www.surveymonkey.com/r/5G9XDFX>. The survey can only be submitted online and will not be accepted in paper form. Just click the link above or copy the link into your browser to begin the survey. Be sure to click “Next” after questions 3 and 15. After clicking “Next” after question 15, you will be directed to the 3rd page to click “Done” to submit your survey. If you have any questions or concerns, please contact Pamela Pickens.

Intervention Tab Feedback

Thanks to all of the MITs for entering student records into the Infinite Campus Intervention Tab. I have completed feedback for all of the schools. You should have received an email in December with specific feedback about your current IC Intervention Tab records. Please feel free to reference the Monthly Updates for October and November, as well as the Orientation webcast for more information and specifics about the Intervention Tab. Several updates from last year also had instructions and screenshots of the tab. You may access the following resources specific to the Infinite Campus Intervention Tab:

[Archived MAF Monthly Updates](#)

[Orientation Video](#)

[Infinite Campus Intervention Tab Resource Webpage](#)

[Infinite Campus Intervention Tab Materials Reference Sheet](#)

[Intervention Data Standard \(with detailed instructions and screenshots\)](#)

[FAQs for the Intervention Tab](#)

[Intervention Tab Webinar](#)

If you have any questions about your specific feedback, please feel free to contact me at any time.

Bookmark for Quick Access!

The Kentucky Department of Education MAF Resource Page -

<http://education.ky.gov/curriculum/conpro/Math/Pages/MAF-Grant.aspx>

Thank you – *Pamela Pickens*

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Yearly KDE Requirements:

Beginning of the School Year

- ✓ Assurance Statement & Budget Summary
- ✓ Orientation Webcast & Survey
- ✓ Schedule Sent to the KDE

By October 30th

- ✓ Infinite Campus Intervention Tab Utilized

By January 30th

- ☐ Infinite Campus Intervention Tab Updated
- ☐ MIT Mid-Year Survey

By March 30th

- ☐ Infinite Campus Intervention Tab Updated

End of the School Year

- ☐ Infinite Campus Intervention Tab Records Completed
- ☐ MIT End-of-Year Survey

Department of Education

Office of Teaching and Learning

Division of Learning Services

Differentiated Learning Branch

Associate Commissioner: **Dr. Amanda Ellis**

Division Director: **Gretta Hylton**

Branch Manager: **April Pieper**

Math Intervention Consultant: Pamela Pickens

Recommended Reading

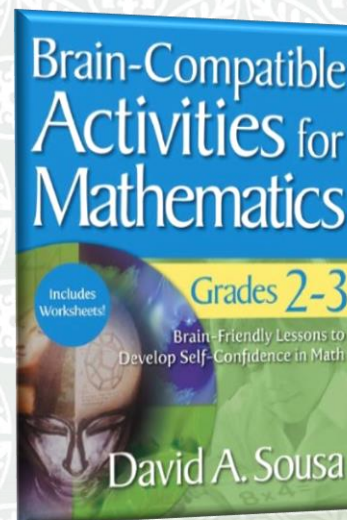
Brain-Compatible Activities for Mathematics, Grades 2-3

By David A. Sousa

Demonstrating instructional principles discussed in David A. Sousa's *How the Brain Learns Mathematics*, this resource provides brain-friendly, ready-to-use mathematics lessons for Grades 2–3. Teachers will find step-by-step guidance and all the necessary reproducible materials for mathematics instruction that involves group work, reflection, movement, and visualization. Through activities such as Jumping Jelly Beans, Math Hockey, and Treasure Hunt, young learners will enjoy developing skills connected with number patterns and place value, multi-digit addition and subtraction, multiplication and division, fractions, measurement, geometry, and more.

Aligned with NCTM standards and focal points, the instructional strategies:

- Enhance motivation and content retention
- Address individual intelligences
- Promote writing as an important learning tool
- Use concrete models to make concepts meaningful
- Connect mathematical ideas to the real world
- Teach creative problem solving



- **January 30** - Data Pull for Infinite Campus Intervention Tab.
- **January 31** - Deadline for completing the Mid-Year Survey.
- **March 30** - Data Pull for Infinite Campus Intervention Tab.
- **May 31** - Deadline for completing the End-of-Year Survey.
- **May 31** - Deadline for completing LMT.
- **May 31** - Deadline for submission of spring schoolwide assessment data to Abacus.
- **June 30** - Data Pull for Infinite Campus Intervention Tab. All records should be closed with "Student Service Results" entered.



“Intentionality: Making Math Meaningful”

Registration is now open for the 2017 Kentucky Center for Mathematics Conference at the Griffin Gate Marriott Resort in Lexington, Kentucky. The conference will be held March 6th and 7th, 2017. The conference is dedicated to professional learning among P-16 educators working to improve mathematics achievement.

For more information: <http://www.kentuckymathematics.org/KCMConference2017/>

Registration

Attendee registration will be available through February 24, 2017.

Attendee Registration Fee: \$175 (per person)



KDE Resource Corner: Differentiating Instruction with UDL

Universal Design for Learning (UDL) is a set of principles for curriculum development that give all individuals equal opportunities to learn. UDL provides a blueprint for creating instructional goals, methods, materials, and assessments that work for everyone – not a single, one-size-fits-all solution but rather flexible approaches that can be customized and adjusted for individual needs.

Source: National Center on Universal Design for Learning – What is UDL? (<http://www.udlcenter.org/aboutudl/whatisudl>)

When teachers plan lessons using UDL, they are creating “a rich learning environment that is designed around the needs of all students, not just those with identified needs.” Universal Design for Learning is an effective instructional approach that promotes curriculum accessibility for all learners through the use of technology by incorporating [Digital Learning](#) opportunities. This increases engagement in the classroom, thus addressing achievement gaps for targeted populations of students. For more information on closing achievement gaps, please see [Guidelines for Closing the Gaps for All Students](#). The Center for Applied Special Technology (CAST) and the Danielson Group has developed the [Crosswalk between Universal Design for Learning \(UDL\) and the Danielson Framework for Teaching \(FfT\)](#). This document features an overview of UDL and FfT along with ideas for applying these concepts within the classroom. For more information about the Framework for Teaching, please visit the [KDE Kentucky Framework for Teaching webpage](#).

Web Based Resources:

- [Universal Design for Learning](#) – Kentucky Department of Education
- [Crosswalk between Universal Design for Learning \(UDL\) and the Danielson Framework for Teaching \(FfT\)](#) - This document provides an overview of UDL and FfT along with ideas for applying these concepts within the classroom.
- [National Center on Universal Design for Learning](#) - This website provides an in-depth explanation on Universal Design for Learning.
- [National Center on Accessible Instructional Materials](#) - Discusses how Differentiation and UDL are related.
- [Universal Design for Learning \(University of Louisville\)](#) - This website provides a practical approach to UDL and discusses how to incorporate UDL into your classroom.

Lesson Planning Materials:

- [Universal Design for Learning - Elementary Lesson Planning](#) - A presentation from East Carolina University on how to create lesson plans using UDL Guidelines.
- [Universal Design for Learning Planner - Montgomery County Public Schools in Maryland/HIAT](#) - A graphic organizer to create UDL lesson plans.
- [UDL Quick Guide - Montgomery County Public Schools in Maryland/HIAT](#) - A graphic organizer with ideas on how to incorporate UDL guidelines in the classroom.

Lesson Plans:

- [CAST UDL Lesson Builder](#)—This website provides multiple examples of UDL lesson plans in elementary and middle school science.
- [Lesson Plan for Beowulf](#) - A UDL lesson plan and video on Beowulf.
- [UDL Lesson Plan](#) - A two-day lesson plan on the burial customs of ancient Egypt.
- [UDL Lesson—Photo Story](#) - An elementary UDL lesson on Tales of a Fourth Grade Nothing and Superfudge.

Videos:

- [UDL Math Lesson Plans by Becky](#)—This video shows how UDL is used in an elementary math lesson.
- [UDL Math 2nd Grade Lesson](#)—This video shows how UDL is incorporated at an elementary school in New York.
- [UDL Guidelines in Practice: Grade 6 Science](#)—Universal Design for Learning is demonstrated in a science class.

KDE’s Point of Contact:

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